

REMARKS

This Response is submitted in reply to the Non-Final Office Action dated September 16, 2009. Claims 22-41 were previously pending and are hereby cancelled. New claims 42-53 are hereby added. A one month petition for extension of time is submitted herewith. Please charge Deposit Account No. 02-1818 for any payments due in connection with this Response.

Applicants believe new claims 42-53 overcome the prior art of record and are in condition for allowance.

In addition, applicants would like to point out that claim elements such as "light emitting diode" and "photodiode" need not appear in any drawing. MPEP 601.01(f) states "It has been USPTO practice to treat an application that contains at least one process or method claim as an application for which a drawing is not necessary for an understanding of the invention under 35 USC 113 (first sentence)..." 35 U.S.C. 113 states: "The applicant shall furnish a drawing where necessary for the understanding of the subject matter to be patented." This implies that the drawings are not always necessary. In this case, the claim elements are very well known and their functionality can be well understood from the specification, therefore it is not necessary to represent each of these elements in the drawings.

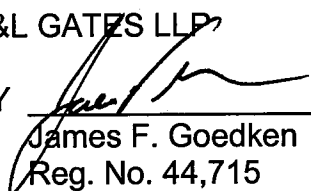
An earnest endeavor has been made to place this application in condition for formal allowance and is courteously solicited. If the Examiner has any questions regarding this Response, Applicant respectfully requests that the Examiner contact the undersigned.

The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing.

Respectfully submitted,

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BY


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Dated: December 21, 2009